

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number
WO 2005/095883 A2

(51) International Patent Classification⁷: **F28F 19/06**,
21/08, C01B 21/12, C01C 1/04

[CH/CH]; Via Gaggini da Bissone 9, CH-6900 Lugano
(CH).

(21) International Application Number:
PCT/EP2005/001934

(74) Agent: **ZARDI, Marco**; M. Zardi & Co. S.A., Via Pioda
6, CH-6900 Lugano (CH).

(22) International Filing Date: 24 February 2005 (24.02.2005)

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04006215.0 16 March 2004 (16.03.2004) EP

(71) Applicant (*for all designated States except US*): **UREA
CASALE S.A.** [CH/CH]; Via Giulio Pocobelli, 6,
CH-6900 Lugano-Besso (CH).

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

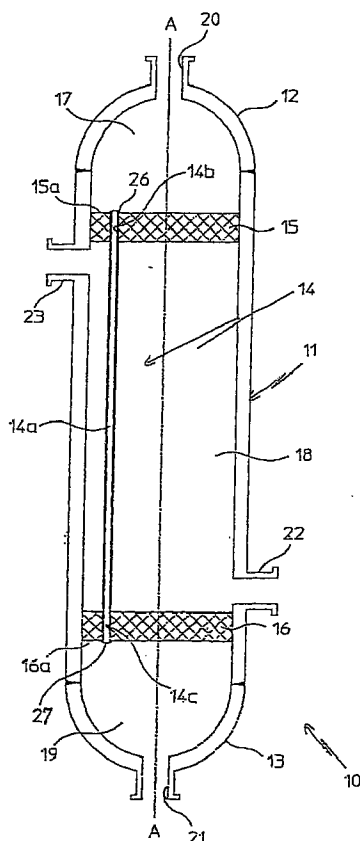
(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **ROMITI, Domenico**

[Continued on next page]

(54) Title: APPARATUS FOR PROCESSING HIGHLY CORROSIVE AGENTS

(57) Abstract: An apparatus for treating highly corrosive agents comprises a tube
bundle (14) heat exchanger (10), structured to carry out a heat exchange between
two fluids one of which is highly corrosive and flowing inside of said tube bundle
(14).



WO 2005/095883 A2



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *without international search report and to be republished upon receipt of that report*